

DOCKET NO.: CELL-0306/PA533USW01
PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Daniel Christopher Brookings, et al.

Confirmation No.: 1921

Application No.: 10/561,050

Group Art Unit: 1625

Filing Date: June 29, 2006

Examiner: Not Yet Assigned

For: THIENOPHRIDONE DERIVATIVES AS KINASE INHIBITORS

DATE OF DEPOSIT: December 12, 2006

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Elizabeth A. McLoud

TYPED NAME: Elizabeth A. McLoud

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Commissioner for Patents
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Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).



In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

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the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers **1 - 35** listed on the attached Form PTO-1449 are enclosed herewith.

- ☐ Copies of reference numbers - on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

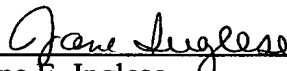
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☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: *December 8, 2006*



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**Form PTO-1449 Modified**

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
CELL-0306/
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Applicant
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Group
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FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	1	WO 03/033502 A1	04/24/03	PCT		
	2	WO2004/000846 A1	04/24/03	PCT		
	3	WO2004/014920 A1	04/24/03	PCT		

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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0306/ PA533-USw01	Application No. 10/561,050
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NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	5	Adhikari, R., et al., "An adventitious synthesis of 2,2'-dipyrryl disulfides," <i>Aust. J. Chem.</i> , 1999 , 52, 63-67
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	8	Chan, D.T. et al., "New N-and-O-arylations with phenylboronic acids and cupric acetate," <i>Tetrahedron Letters</i> , 1998 , 39, 2933-2936
	9	Cohen, P., "The search for physiological substrates of MAP and SAP kinases in mammalian cells," <i>Trends Cell Biol</i> , 1997 , 7, 353-361
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	14	Hale, K.K. et al., "Differential expression and activation of p38 mitogen-activated protein kinase α , β , γ , and δ in inflammatory cell lineages," <i>J. Immun.</i> , 1999 , 162, 4246-4252
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	16	Hedayatullah, M., "Alkylation des pyrimidines en catalyse par transfert de phase," <i>J. Heterocyclic Chem.</i> , 1981 , 18, 339-342 (no English Abstract)

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	17	Henry, J.R. et al., "Potent Inhibitors of the MAP Kinase p38", <i>Bioorganic & Medicinal Chemistry Letters</i> , 1998 , 8(23), 3335-3340	
	18	Hunter, T., "Protein kinase classification," <i>Methods in Enzymology</i> , 1991 , Vol 200, Academic Press, San Diego, page 3	
	19	Jiang, Y., et al., "Characterization of the structure and function of a new mitogen-activated protein kinase (p38 β)," <i>The Journal of Biochemistry</i> , 1996 , 271(30), 17920-17926	
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	29	Subauste, M.C., et al., "Infection of a human respiratory epithelial cell line with rhinovirus," <i>J. Clin. Invest.</i> , 1995 , 96, 549-557	
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